

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application.

1. (Currently Amended) A substantially purified An oligonucleotide having a sequence selected from the group consisting of:

~~5'-CCG GGA GAG CCA TAG TGG TCT GCG 3'~~ (SEQ ID NO:3),

5'-TAA TAC GAC TCA CTA TAG GGG CAG AAA GCG TCT AGC CAT GGC GTA AAA TCC GGT AGT AAC TTG CTA ACC-3' (SEQ ID NO:4),

5'-CTC GCA AGC ACC CTA TCA GGC AGT TAG TGC GGG TGT TGA ATG ATT TCC-3' (SEQ ID NO:5), and

5'-TTG GCA ACA GTG GCA TGC ACC G-3' (SEQ ID NO:6).

2. (Original) The oligonucleotide of claim 1, wherein said oligonucleotide is conjugated to a detectable label.

3. (Original) The oligonucleotide of claim 2, wherein the detectable label is a fluorescent dye.

4. (Original) The oligonucleotide of claim 2, wherein the detectable label is a fluorescent molecular beacon pair.

5. (Original) The oligonucleotide of claim 4, wherein the oligonucleotide is 5' [2'-chloro-7'-phenyl-1,4-dichloro-6-carboxyfluorescein (VIC)]- CCG GGA GAG CCA TAG TGG TCT GCG- (SEQ.ID.NO. 7) [6-carboxytetramethylrhodamine (TAMRA)] 3' or 5' [6-carboxyfluorescein(FAM)]- TTG GCA ACA GTG GCA TGC ACC G - (SEQ.ID.NO. 8) [6-carboxytetramethylrhodamine (TAMRA)]3'.

6. (Original) The oligonucleotide of claim 1, wherein said oligonucleotide is SEQ ID NO:4 and SEQ ID NO:5.

7. (Cancelled)

8. (New) An oligonucleotide having a sequence consisting of:
5'-CCG GGA GAG CCA TAG TGG TCT GCG-3' (SEQ ID NO: 3).